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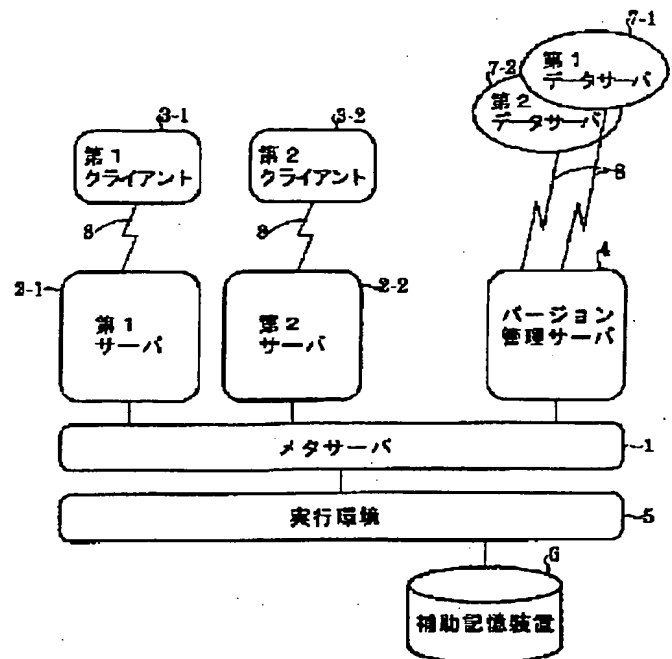
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TITLE : SOFTWARE VERSION MANAGEMENT
SYSTEM



ABSTRACT : PROBLEM TO BE SOLVED: To automatically revise a server by providing a metaserver which provides environment where the server operates and a version management server which manages the version of programs on the server by accepting information at a program provision source.

SOLUTION: For example, when a corresponding program on a 2nd data server 7-2 is updated, the version management server 4 downloads the corresponding program. The version management server 4 sends a service stop request to corresponding servers 2-1 and 2-2. The servers 2-1 and 2-2 having accepted the service stop request closes the ports of a network. The version management server 4 loads a loaded program in execution environment 5 and starts up a new server having been revised. The metaserver starts the new server. The new server starts providing services. The version management server 4 deletes the old servers from the execution environment 5.

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AB - J10320184 The system has servers (2-1,2-2) connected to a network (8) to offer services to clients (3-1,3-2). A meta-server (1) offers the environment for operating the client servers. A version management server (4) receives the data of a program offering component to manage the program version of each client server.

- At the beginning of a service, the meta-server starts the program of each server. The version management server receives the data from the program offering component so that a version modification cognition of the program of each server can download the latest program from the program offering component. The meta-server then stops the program of the corresponding client server so that the downloaded latest program can be loaded to the version management server. The meta-server after the loading process to the version management server.

- ADVANTAGE - Ensures automatic program updating for client servers. Stops client program for only short time. Ensures automatic processing that can operate even at night and using existing protocol of network. Prevents stoppage of service during execution of version modification process.

- (Dwg.1/6)

IW - SOFTWARE VERSION MANAGEMENT SYSTEM AUTOMATIC UPDATE OPERATE PROGRAM
SERVE CLIENT SERVE SYSTEM META SERVE STOP RESTART PROGRAM CORRESPOND
CLIENT SERVE SO LATE PROGRAM PROGRAM OFFER COMPONENT THROUGH NETWORK
CAN LOAD VERSION MANAGEMENT SERVE

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TI - Software version management system for automatically updating operation program of server included in client server system - has meta-server that stops and restarts program of corresponding client server so that latest program downloaded from program offering component through network can be loaded to version management server